Satellite Navigation

Please read this supplement before operating Holden Satellite Navigation (SATNAV) system.
This supplement should be kept, together with the Owner's Handbook, in the glovebox of your car.

HOLDEN

www.holden.com.au

Contents

Overview 3

Your safety 4

Controls 5
Remote control
Switching on and off

Screens and menus 6
Menu screens
Pop-up menus
Function list (pull-down menu)
List screen

Destination input 8
Keyboard input
Map entry
Address book / memory input
Points of interest input
Via Points (intermediate destinations)

Guidance 13
To activate guidance
Map display
Audible messages
Guidance display
Switching between displays
Automatic re-routing
Plan alternate route
Function button with guidance map
Guidance in partly digitised areas
Areas with limited road information

Adjustable settings 18
Day / night colour
Language
Route selection
Screen config
Video configuration

Contents cont.

Adjustable settings (continued)
Security module
Traffic information
Measuring units
Date / clock
Volume
System information
Default settings

Notes 23
Glossary of map symbols
Calculated travel time and time of arrival
Adjustment of average speed

Address book 25
Address book (destination memory)
Storing addresses in the address book
Editing addresses in the address book
Deleting addresses from address book
Storing car position in the address book
Load address from destination memory / delete destination memory

Other functions 27
Trip computer
Speed warning
Insert / change the map CD
Emergency menu
Entering an assistance centre service number
Standby
Travel info

Maintenance 29
Cleaning the remote control and screen
Changing batteries of the remote control

Trouble shooting 30

Overview

The SATNAV system is designed to give you visual and audible directions to your chosen destination while driving. This is particularly useful when travelling in an unknown area.

After switching on your car's ignition you can input a destination and then select Guidance from the Navigation menu.

SATNAV then uses map information (from a CD) and satellites to pinpoint your car's position and work out the route to your destination. You may choose to buy updated/replacement map CDs, refer to your Holden Retailer.

Choices are provided, such as fastest route, shortest route, keeping to main roads, avoiding main roads or avoiding toll roads.

As you drive, SATNAV will guide you by means of voice messages and a screen display.

SATNAV can be customised in many ways, such as altering the language, the volume and the screen colours.

When first used and whenever the car is transported by vehicle transport, (e.g. train or ferry) the SATNAV system needs to be recalibrated. This is done by powering up the SATNAV while outdoors. It takes approximately 15 minutes for the system to recalibrate itself. This process can be hastened by driving the vehicle and making frequent turns. The Global Positioning System (GPS) window on the SATNAV display changes from red to green when a precise fix is determined. The SATNAV system is then ready for use.

Sufficient GPS reception for the SATNAV system should be available for the majority of your travel time. No (or faulty) reception can be caused by driving under or between obstructions like tall buildings, covered car parks, tunnels, bridges, thick forests or mountains. Reception can also be impaired by unfavourable satellite positions in relation to the GPS antenna and heavy precipitation or thunder storms.

The SATNAV system can compensate for GPS reception problems for several minutes or kilometres without functional impairment.

Do not use metallic tinting for your car's rear window as it interferes with the GPS antenna's satellite reception. Nonmetallic tinting can be safely used without reducing SATNAV performance. Avoid placing objects between the rear seat and the back window as this can also interfere with the performance of the GPS antenna (located in the top rear of the boot).

Please read the safety notes near the end of this booklet before using the system.

Your safety

Please ensure that everyone using your SATNAV system has access to these operating instructions. Make sure that they carefully read the guidelines and recommendations before putting the system into operation for the first time.

- Driver should only look at the monitor while the car is stationary and it is safe to do so. Stop at a suitable place if you need to look at the screen or use the key board.
- Only make setting changes or input new destinations when the car is at a standstill or have them performed by the front seat passenger.
- Keep the remote control in the holder during the journey.
- In order to avoid interference or malfunctioning of the system, the GPS antenna must not be covered by any objects. Metallic tinting of windows, or stickers on the windscreen near the GPS antenna may also interfere with reception.
- The directions provided by the SATNAV system are suggestions only. The driver is responsible for the safe operation of the car and should check whether it is safe to follow the instructions. The SATNAV system is no substitute for traffic laws if there is a contradiction between the momentary traffic conditions and the instructions provided by the SATNAV system.
- Due to changeable road conditions, the information on the Map CD may not be 100% accurate. The prevailing road conditions always take precedence over conflicting directions provided by the SATNAV system.
- The SATNAV system does not take the relative safety of the suggested routes into consideration. Road blocks, building sites, height or weight restrictions, traffic or weather conditions or other influences which affect the route safety or travel time are not taken into consideration for the affected routes. Use the Alternative Route function in order to get better suggested routes or simply take the preferred route and let the Automatic New Route Calculation function plan a new route.
- Do not exclusively rely on the SATNAV system when you attempt to locate an emergency service. It cannot guarantee that all the available emergency services in your vicinity are stored in the database. Act in accordance with your own discretion and abilities in order to obtain help in such situations.

Controls

Remote control

The remote control can be used either in hand or while secured in its holder. The remote control does not draw power from its internal batteries while in the holder. To remove the remote control press the two side buttons on the holder and lift the remote out. Note that the side buttons have oval-shaped depressions, indicating where to place your fingers when using the buttons.

When using the remote in hand, aim the front of the remote toward the monitor when pressing function buttons.

ALT-R button: Plan alternative route.

REP button: Repeats the audible message.

Cursor buttons and OK / Confirmation button: Used to navigate through menus and select options.

-/+: Adjusts volume of audible messages.

MENU button: Calls up the Start menu.

MAP button: Changes directional guidance displays and / or switches between menus and directional guidance displays (only for certain menus).

Switching on and off

SATNAV is switched on or off together with your carís ignition. After switching on, information is provided on the use of the system.

After pressing the **OK** button the system is started and, after several seconds, the various functions can be selected.

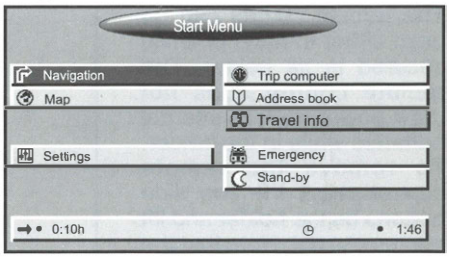
To switch the SATNAV screen off (if not required) select the Stand-by function in the Start menu. If a destination has been entered, voice guidance will still be given.

The display can be turned on again by pressing one of the cursor, **MENU** or **OK** buttons on the remote control.

Screens and menus

Menu screens

Individual functions are represented in the menus (identified by titles in the oval field at the top of the screen) as labelled, rectangular buttons. The current cursor position is marked in red on the screen.

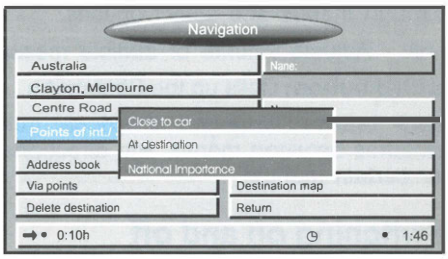


Functions that cannot be selected are shown as grey buttons on the scren.

The status line at the bottom of the screen displays information such as the time and date, see Screen config on page 19.

Pop-up menus

After selecting a function, a pop-up menu may appear with several choices inside the rectangle. The pop-up menu will automatically close after a few seconds. To close the pop-up menu without making a selection, press the ◄ cursor button.



To select a particular option /function:

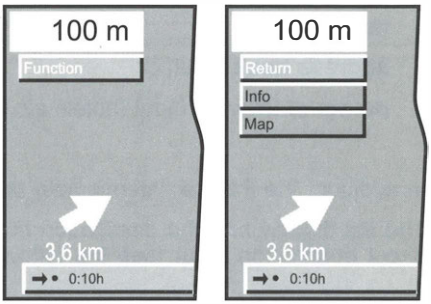
1. With the remote control, move the cursor with the direction buttons to the desired option /function.
2. To select the option / function, press the **OK** button on the remote control.

Screens and menus cont.

Function list (pull-down menu)

When a red function button is present, a pull-down menu is available.

1. Press the **OK** button to activate the list.
2. Use the direction buttons on the remote control to highlight the desired function.
3. Press the **OK** button on the remote control to select the highlighted function.

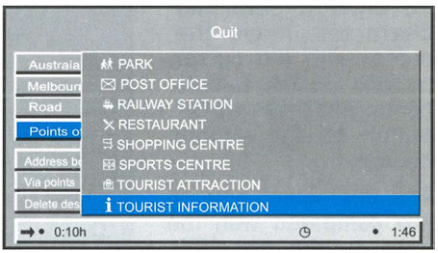


The function list closes automatically after several seconds if a function is not selected.

List screen

A list appears on the right of the display for different options.

If all list entries cannot be shown, the cursor can be used to scroll further by continuing to press the ▼ cursor button on the remote control. You can scroll up by pressing the ▲ cursor button on the remote control.



If further information on an entry can be called up, the **>** symbol appears to the right of the list entry. Press the ► cursor button to view this information. By selecting the ◄ cursor button or selecting the Quit option, the previous menu is returned to without the selection of a list entry.

Destination input

Your destination must be entered before guidance is activated. One of the following methods can be used:

- **keyboard** input (with list display if required),
- **map** entry,
- **address book** input, or
- **points of interest** input (hotels etc.) from the map CD.

In addition, **Via Points** (intermediate stops) can be entered.

The list display and the destination map are available as aids for direct destination input (see the following sections).

Keyboard input

1. Select the Navigation option in the Start menu.
2. Using the displayed keyboard, enter the destination address under Country, City, Street, Points of Interest and House Number (if relevant).

To enter a particular character, move the cursor with the cursor buttons on the remote control and press the **OK** button on the remote control.

Navigation
Australia
Melbourne, Victoria
B_
Points of interest
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
' - . & @ 1 2 3 4 5 6 7 8 9 0
Space
Delete
List
Quit
OK
0:10h
1:46

The characters entered are compared with the data on the map CD. Character sequences for which no names exist cannot be selected.

If there are several items with the same name, they can be displayed using the List function. Use the cursor buttons to select the desired entry from the list.

Note: If a street name cannot be found, try entering another city name to generate a wider search. For example; enter the large city name instead of the suburb name, then the street name to find the entry.

Destination input cont.

You can also use the List function to see the CD entries that begin with the characters already entered.

The desired list entry can be selected or you can quit the list display without selecting a list entry by selecting Quit from the list or pressing the ◄ cursor button.

Note: SATNAV may take several seconds to compile a list if there are many entries. It is therefore suggested that you input as much information as possible with the keyboard before calling up the list.

Note: If you want to store the destination address that you entered in the address book, select the Address Book function first, then the appropriate address book category in the pop-up menu that appears.

Note: The name of the city suffices as a destination input. SATNAV then guides you to the city's edge.

3. Select the Guidance function in the Navigation menu to activate.

Map entry

You can select a destination by pin-pointing a location on the map display. Enter a city name and then select Destination Map from the Navigation menu.

The destination map is displayed. Pressing one of the cursor buttons on the remote control causes a crosshair to appear. The crosshair marks the car's current position if no destination data has been entered. The crosshair can be moved with the cursor buttons.

Note: The screen display will be different depending on how the Scroll option is set in the function list of the map display (refer to page 16). When ☑ Scrolling (Scroll on) is set, the cursor remains at the centre of the screen while the map is shifted accordingly. With ☐ Scrolling (Scroll off) the cursor is moved and the section of the map displayed at the edge of the screen is changed.

You can change the map scale with the Scale function in the function list. Use the ▲ or ▼ button and confirm with the **OK** button.

Note: Destinations which are not on the screen area can also be selected. Make certain to indicate the correct side of the road when targeting a destination on main roads.

To store the selected position as the destination address:

1. Open the function list by pressing the **OK** button.
2. Select the Store Dest. function.
3. Select the Guidance function in the Navigation menu to activate.

Destination input cont.

Address book / memory input

If the desired destination address is already in your SATNAV address book, or if the destination address is one of the last 10 destinations entered, then you can easily select the address as follows:

1. Select Address Book function in the Navigation menu.
2. Select Retrieve Address function in the pop-up menu that appears.
3. In the next pop-up menu select the corresponding address book category (Private, Previous or Business).
4. Select an entry from the list that appears.

Note: Empty lists are not shown. You can quit the list display without selecting a list entry by selecting Quit from the list or by pressing the ◄ cursor button.

Note: Pressing the ► cursor button when an address is highlighted brings up its complete details. You can return to the address list by pressing the ◄ cursor button.

5. After selecting a destination address select Guidance in the Navigation menu to activate.

Points of interest input

Points of interest are destinations / facilities, the exact address of which is often unknown to you (e.g. petrol stations, garages, hospitals, airports, etc.). Points of interest can be selected from the following lists:

- **Close to car**: points of interest near the car's current location.
- **At destination**: points of interest close to the destination address already input.
- **National importance**: There are currently no entries in this list.

For selection of a point of interest for destination:

1. Select from the list above.
2. Select the desired category (e.g. petrol stations, hotels, etc.).
3. The keyboard is displayed if there is a large number of points of interest available in the database. Enter the name of the desired facility or select List.
4. Select the desired facility from the list.
5. Move cursor to name/address of desired facility.
6. Press the **OK** button. The Navigation menu reappears and displays the address of the point of interest just entered.

Destination input cont.

7. To plan a route, select the Guidance function.

The selected point of interest now becomes the current destination address; any previous destination address is then deleted. Points of interest that are to be entered only as intermediate destinations (e.g. a petrol station on the way to the actual destination) must be entered as a Via Point (see below).

Via points (intermediate destinations)

If you want to drive to other places on the way to the entered destination address, you can store these as Via Points. The navigation system then plans the route in such a way that each Via Point is driven to before the destination address is reached. Once a Via Point has been passed it is automatically deleted from the list. A maximum of 25 Via Points can be stored at any one time.

The Via Point menu is accessed through the Navigation menu. The following functions are available:

- Store Via Point: Store entered address as next Via Point in memory and / or list.
- Address book: Retrieve an address from the address book to be used as a Via Point (see page 10).
- Destination map: Enter Via Point through the destination map (see page 9).
- Delete Via Point: Delete a Via Point from the list (see below).
- Display Via Point: Display list of Via Points.
- Return: Return to Navigation menu.

Note: You can enter the Via Points in the same way you enter destination addresses.

Note: If you do not actually arrive at the Via Point, i.e. the audible and visible instruction "You have arrived" is not produced, then the navigation system will continue to plan a route to the Via Point.

Note: The navigation system will plan a route to each of the Via Points in the order in which you entered them, not in a sorted geographic order.

To save the entered Via Points to memory select the Store Via Points function.

Destination input cont.

To delete a Via Point:

1. Select the Delete Via Point function with the cursor buttons and then press **OK**.
2. Use the cursor buttons to select the Via Point to be deleted and press **OK**.
3. Confirm deletion by selecting Delete Via Point and pressing **OK**.

To simultaneously delete all stored Via Points:

1. Store the current destination by going to the Navigation menu and storing it in the address book (see page 25).
2. Select the Delete Destination function from the Navigation menu.
3. Confirm deletion with a Yes. The destination point and all of the Via Points are now deleted.
4. Select the last used destination address from the Navigation menu with the Address Book function and the Load Address function.

Guidance

To activate guidance

After entering a destination, select the Guidance function from the Navigation menu. The navigation system then plans the route. This may take several minutes. Guidance instructions will be displayed on the screen using the last selected screen type; either guidance, map or split-screen.

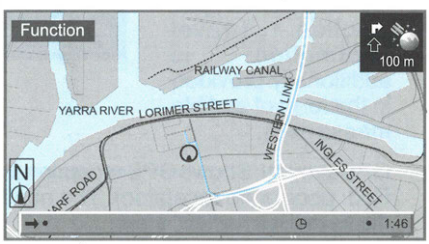
Map display

The map display appears when Guidance is selected in the Navigation menu. While guidance is activated, you can return to the map display from other screens in the following ways:

- In the Start menu by pressing the **MAP** button on the remote control or by selecting the Map function.
- With the guidance display by pressing the **MAP** button on the remote control.
- Selection of the Map function in the function list.

The map display contains the following information:

- **Distance** to the next change of direction.
- **GPS symbol**: Shows GPS reception status (Green: reception sufficient for exact positioning / Red: exact positioning not possible). The number of receivable satellites are displayed as yellow stars.



- **Direction**: simplified diagram of the driving direction and the next crossing or junction.
- **Car location** symbol (an arrow indicating the current direction of travel).
- **Compass**: arrow in circle points North.
- **Function button**: The list of functions available when this is selected can be found on page 16.

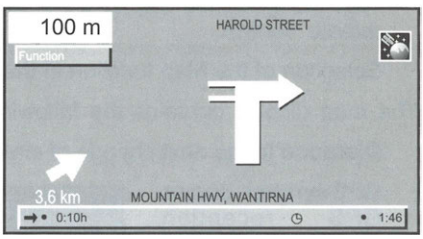
Guidance cont.

Audible messages

As soon as you have activated guidance, audible driving directions are provided. To repeat the last direction, press the **REP** button on the remote control. The last direction is repeated and / or updated driving directions are provided. If the symbol is displayed in the status line, the audible information is switched off. You can switch the audible information back on by either selecting Volume from the System Settings menu or by pressing the + or – button on the remote control. The symbol in the status line disappears. To check the selected setting is correct you will hear 'Louder' or 'Softer' at the current volume.

Guidance display

The screen display contains the following information:



- Current car position: street name, city name and area if available.
- Direction: Diagram of the driving direction, the next crossing or junction (travel information is additionally provided in the form of audible messages).
- GPS symbol: Shows GPS reception status (Green: good reception; Red: poor or no reception). The number of satellites received are displayed as yellow stars.
- Name of the next road to be turned into (next change of direction).
- Distance to the next change of direction.
- A button for the Function list (activate with **OK** button) if the following are required:
    - Return: return to the last selected menu.
    - Info: call up Info menu (see page 16).
    - Map: switch to map display.
- Direction arrow points to the current selected destination or Via Point.
- Distance to next destination or Via Point.
- Status line: variable information such as time, date, distance to arrival etc. Refer to page 20 for display options.

Guidance cont.

Switching between displays

When guidance is activated you can switch between the following displays by pressing the **MAP** button: guidance display > map display > split screen > guidance display, etc.

Note: If no destination has been entered up to now (guidance inactive), then the map display can be invoked for destination input by selecting the Destination Map in the Navigation or Via Point menus or by pressing the **MAP** button.

Automatic re-routing

If you do not follow the advice provided by the system and / or use another route than that planned by the system, then the system automatically plans a new route as you drive. If the navigation fails to respond with a new guidance instruction, slow down and allow the system to provide a new route plan. Driving away from the destination will generally create a longer delay in delivering guidance instructions.

Plan alternative route

You can have the navigation system plan an alternative route for a selectable distance during guidance. This function is useful if you want to avoid a traffic jam or if you do not agree with the currently planned route. The alternative route will be planned for the specified distance from the car's present location. To plan an alternative route:

1. Press **ALT-R** on the remote control. If you want to change the value of 'distance' (route distance for which an alternative route is to be planned; adjustable between 1 and 10 km) perform the following:
   a. Select the value under Distance and press the **OK** button.
   b. Adjust the value with the ▼ (-1) or ▲ (+1) cursor button.
   c. Press the **OK** button, the entered value is now stored.

Note: Ensure the remaining distance to your current destination is not greater than the alternate route length prior to entering a value.

2. Select OK to command the navigation system to provide an alternate route plan or Pass Through to ignore the alternate route and continue on the original route.

The system calculates a new route within seconds.

Guidance cont.

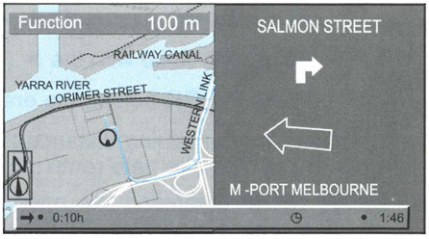
Function button options when map is displayed during guidance

Press the **OK** button to open the function list if the following functions are required:

- **Return**: return to previous screen.
- **Scale**: change map scale.
- **Traffic view**: This option is not currently available in Australia.
- **Map Mode**: map positioning (choose northwards or in steering direction) and scrolling:
  ☑ (Scroll on): cursor fixed, map section is shifted (only for 'northwards' positioning); car position remains at the centre of the screen.
  ☐ (Scroll off) car position moves on fixed map section.
- **Info** provides:
  1. **Route Selection:** selection of route type during guidance, i.e.
     - Fastest
     - Shortest
     - Main Road
     - No Main Roads

     Note that avoiding toll roads can also be turned on and off, also refer to Adjustable Settings on page 19.
  2. **Route List:** Call up a summary of the roads to be used to arrive at the destination and the distance travelled on each road.
  3. **Points of Interest**: Display points of interest such as service stations or parking either in the vicinity of the car or at the destination.
- **Split Screen**: switch to split screen; combination of map and guidance display.

  Note that you can also call up the split screen by pressing the **MAP** button once or several times when guidance is activated.



Guidance cont.

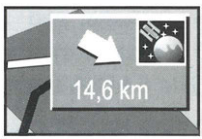
You can move the crosshair on the map in order to enter a location. To do so, press the cursor button. The car location is no longer displayed during input. The following additional functions are now available when you open the function list:

- **Back to pos.**: cursor reset to current car location.
- **Store dest.**: store cursor position as new destination address.
- **Store Via pt.**: store cursor position as last Via Point.

Guidance in partly digitised areas

In rural areas and in smaller locations it may happen that all roads are not digitised (stored on the map CD). If you leave a digitised road, then the guidance screen changes as follows:

- The map display automatically appears instead of the guidance and / or split screen.
- Instead of the usual guidance information, an arrow which points in the direction of the destination in now shown at the top right. The distance (linear distance) to the destination is shown underneath.



Note: This may also happen in areas with complete digitisation; urban or city areas, where the vehicle is driven away from a digitised road, e.g. not all parking lots are digitised. In this case, the guidance arrow will point to the nearest section of digitised road, and display the distance to that road. Guidance instructions will be provided once the vehicle reaches a digitised road.

Areas with limited road information

In some areas all of the information about a road is not available on the map CD. For example, information on the direction of travel in a one way street or prohibited entry into a pedestrian zone may be missing.

A gong signals if you drive into such an area and a warning symbol is displayed. The symbol shown on the right will be displayed in the guidance screens (except for split screen) when the car is in an area with limited road information.

Adjustable settings

The following settings are available in the Settings function in the Start menu:

- day / night colour,
- language,
- route selection,
- screen config (configuration),
- video configuration,
- security module,
- traffic information,
- measuring units,
- date / clock,
- volume, and
- system information.

The SATNAV default settings are shown at the end of this section.

Day / night colour

You can choose between the following three options for the colour setting:

- Automatic,
- Always Day, or
- Always Night.

Language

Two languages can be loaded onto SATNAV. Swapping between languages is accomplished through the Language option of the Settings menu.

If required, you can replace one of the two languages with a language from the system software CD as follows:

1. Select the Language option in the Settings menu.
2. Select Other Language from the list that appears.
3. Follow the instructions on the screen (to change CDs refer to page 28).

Available languages are: British English, American English, French, German, Dutch, Italian, Spanish, Danish, Swedish.

Software Update is shown together with the loading progress. Once loading is completed, remove the system software CD and press the **OK** button to confirm the changes. To restart navigation, load the map CD.

Adjustable settings

Route selection

You can choose between four different methods of calculating the driving route and have the option to avoid toll roads where possible:

- Fastest (◷): Suitable for every situation.
- Shortest (⋈): Recommended for journeys within cities.
- Main Road (#): Recommended if you prefer routes along main roads.
- No Main Roads (#): Recommended if you prefer to avoid routes along main roads.
- Min Toll Roads (☑): Recommended if you prefer to avoid toll roads. This can function with the other options.

The symbol for the route type selected is shown in the status line.

To adjust / change route:

1. Select the Settings function in the Start menu.
2. Select the Route Selection function.
3. Activate the Avoid Toll Roads option if you want to use the least possible number of toll roads (option with display ☑ activated).
4. Select the desired route category.

The symbol of the selected route will appear in the status line.

Note: Route planning and first guidance instruction may take longer with the Avoid Toll Roads option activated. If there are no toll-free roads available to the destination or a very long detour away from toll roads is impractical, then toll roads will be used for the route plan.

Screen config

You can select different colour combinations for the screen display and different options for the status line display.

The following options are available in the Screen Settings menu:

- **Day colour**: Used for selecting colour combinations for the screen display in daylight (setting is active when the headlights are off). Blue, red and green options are recommended for day colour.
- **Night colour**: Used for selecting colour combinations for the screen display at night (setting is active when the headlights are on). Dark blue, dark red and dark green are recommended for night colour.

Adjustable settings cont.

- **Map colour**: This adjusts the change between the colour combination settings Night Colour and Day Colour. There are three options:

  - Automatic switching: This option automatically selects the Night Colour combination when the headlights are switched on.
  - Always day colour: Colour combination Day Colour is always active.
  - Always night colour: Colour combination Night Colour is always active.

- **Status line left or status line right**: The following options can be selected:

  - None: Nothing is displayed.
  - Clock: Current time is displayed.
  - Date: Current date is displayed.
  - Remaining travel time: The remaining travel time estimated till arrival at the next Via Point or destination.
  - Distance to destination: this option is currently unavailable.
  - Estimated time of arrival: The estimated time of arrival at the next Via Point or destination.

Note: Cars with the 'Automatic Headlights On' feature will cause Automatic switching to always display the Night Colour combination. To change between the Night Colour and Day Colour combinations you must manually select either the 'Always day' or 'Always night' colour option to reflect the current light conditions.

Video configuration

These settings should not be altered as they pertain to optional hardware not available to the Holden SATNAV system.

Security module

The security module is no-longer part of the SATNAV system.

Traffic information

The Traffic Information feature is currently unavailable in Australia.

Measuring units

Select one of the following measuring units:

- km / m - display in kilometres and metres,
- Miles / yards - display in miles and yards,
- Miles / Feet - display in miles and feet.

Adjustable settings cont.

Date / clock

Select the clock, time zone and date format.

1. **Time format**: A 12 hour or 24 hour clock can be selected.
2. **Time zone**: To set the time zone, press the **OK** button. With the direction buttons ◄ or ▼ (-0:30) and ► or ▲ (+0:30) set the time difference between the local time and the universal time (UTC) received by the navigation system, as per the table below.
3. **Date format**: Choose between Day. Month. Year or Month. Day. Year.

Time zone	Standard Time	Daylight Saving Time
Australian Eastern Standard Time	+ 10:00	+ 11:00
Australian Central Standard Time	+ 09:30	+ 10:30
Australian Western Standard Time	+ 08:00	–

Volume

You can select the following options in the Volume Level menu:

- **SDVC**: This option allows you to select a curve for Speed Dependent Volume Control (SDVC). You can choose from 'Volume Control +' through to 'Volume Control ++++'. The volume level is raised to compensate for increased road noise as the car's speed increases. Test the various SDVC curves in order to determine the one that is most suitable. SDVC can be switched off by selecting the GALA Out option.
- **Audible information**: This option is used to activate / deactivate audible information. The symbol 🔇 is displayed in the status line when audible information is deactivated.
- **Volume**: This option is used to adjust the volume of the guidance information. Set the desired volume level with the cursor buttons. If there are changes you will hear either 'Louder' or 'Softer' in the volume selected. To save the setting press the **OK** button.

Adjustable settings cont.

System information

The System Information menu offers the following functions:

- **Diagnosis**: For analysing hardware and software problems (code protected) only for authorised service personnel.
- **Default Settings**: Reset the choices in the Settings menu to the factory adjusted values (see default settings on this page).
- **Configuration**: Information on software and hardware (for service purposes).
- **Speed correction**: Change the value of the average speed used for calculating remaining travel time and estimated time of arrival.
- **Remote control**: This option is not available with the VY Holden SATNAV installation.

Default settings

With the Default Settings function in the Settings menu, you can reset the settings to the factory-adjusted values. The following table details the default settings:

Setting for	Factory-adjusted value
Time zone	0
Time format	24 hour format
Date format	Day / Month / Year
Measuring units	Kilometres and metres
Audible info.	On
Volume (aud. messages)	Middle setting '0'
SDVC	VOLUME '+'
Day colour	Blue
Night colour	Dark blue
Map colour	Auto. switching
Status line left	Remaining travel time
Status line right	Estimated time of arrival
Route Selection (route criterion)	Fastest
Minimise toll roads	Deactivated
Speed correction	100%
Video configuration	Multimedia box not connected

Notes

Glossary of map symbols

The following table provides the meaning of the symbols shown on the map display.

Symbol	Meaning	Symbol	Meaning
	Chemist		Industrial estate
	Automobile club		Marina
	Hire car company		Cinema
	Car repair		Church
	Railway station		Clinic
$	Bank	H	Hospital
	Council office		Cultural centre
	Library		Military base
	Education		Museum
	Embassy	P+R	Park and Ride
	Bus station		Park
	Monument	P	Car park
	Shopping centre		Police
	Ferry		Post office
	Fire station		Services
	Airport		Restaurant
i	Tourist information		Tourist attraction
	ATM		Sports centre
	Court house		City centre
	Golf course		Petrol station
	Hotel		Theatre
	Entertainment		Destination
	Amusement park		

Calculated travel time and time of arrival

The navigation system uses the factory-set mean cruising speed of a standard passenger car in order to calculate the remaining travel time and the estimated time of arrival. If the times indicated in the status line (arrival time and / or remaining travel time) significantly deviate from the actual values, then you can change the average speed (refer to page 24).

Notes cont.

Adjustment of average speed

To change the value for average speed:

1. Select the System Information function in the Settings menu.
2. Select the Speed correction function in the following menu. A sliding control for the correction factor appears (50-150%).
3. Set the desired correction with the ◄(-) or ► (+) cursor button.
4. Press the **OK** button.

The value for average speed is now changed, the remaining travel time and the estimated time of arrival are recalculated accordingly and, depending on the setting, displayed on the status line.

Address book

Address book (destination memory)

The navigation system provides you with the option of storing up to 100 destination addresses in a personal address book which is divided into two categories (Business and Private). This function is particularly advantageous for frequently used destination addresses.

Storing addresses in the address book

Addresses are stored as follows:

1. Select the Navigation or Address Book functions in the Start menu.
2. Enter the address which is to be stored under Country, City, Road and where applicable, Points of Interest.

   Note: A house number can only be entered if the corresponding information is available on the map CD.
3. Select the Address Book function to store the address.
4. Select the Store Address function in the pop-up menu that appears.

   Note: The Store Address function cannot be accessed if the address book memory is full; if necessary, delete addresses that are no longer required.
5. Select the respective address book category (Business or Private). The address display is then stored. The address is immediately transferred as the destination address and guidance can be started with the Guidance function.

Editing addresses in the address book

To edit an address:

1. Select the Address Book function in the Start menu.
2. Select the Retrieve Address function (not accessible if no addresses have been stored in the address book).
3. Select the desired address book category.
4. A list with the names of the stored addresses is then displayed (only if the list is not empty). Use the ► and ▲ cursor buttons to scroll up and down the list. The entire address can be displayed by pressing the ► cursor button.
5. Confirm the address selection by pressing the **OK** button. The selected address is shown in the Address Book menu where it can be modified and stored again.

Address book cont.

Deleting addresses from the address book

To delete an address:

1. Select the Address Book function in the Start menu.
2. Select the Delete Address function.
3. Select the desired address book category.
4. A list with the names of the stored addresses is then displayed (only if the list is not empty). Use the ▼ and ▲ cursor buttons to scroll up and down the list. The entire address can be displayed by pressing the ► cursor button.
5. Confirm the address selection by pressing the **OK** button. The selected address is deleted.

Storing car position in the address book

The current car position can be stored in the address book as follows:

1. Select the Address Book function in the Start menu.
2. Select the Store Car Position function in the Address Book menu.
3. Select the category for the address book in the pop-up menu that appears.

Load address from destination memory / delete destination memory

You can load one of the last 10 used destination addresses as the new destination as follows:

1. Select the Address Book function in the Start menu.
2. Select the Retrieve Address function in the Address Book menu.
3. Select the Previous Destination option in the pop-up menu that appears. A list of the last 20 destinations appears.
4. Select the desired entry.

The selected address is now displayed in the Address Book menu. You can activate guidance for this address by selecting the Guidance function.

The destination memory can be deleted as follows:

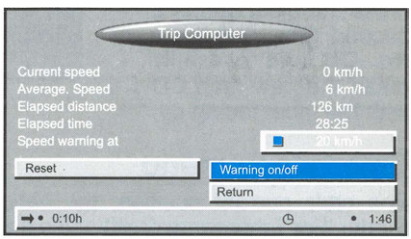
1. Select the Delete Address function in the Address Book menu.
2. Select Previous Destination in the pop-up menu. Confirmation is requested to prevent you from deleting an entry by mistake.

Other functions

Trip computer

Note: There may be a discrepancy between the information provided by the SATNAV trip computer and your Instrument Cluster trip computer. This difference is because the data is generated from different sources. The Instrument Cluster trip computer will generally have the more accurate information.

The SATNAV trip computer provides the following travel information:



- Speed: Current speed.
- Average speed: Average speed (since reset).
- Elapsed distance: route distance (since reset).
- Elapsed time: travel time (since reset).
- Speed warning: speed warning on / off and warning limit (adjustable, see below).

WARNING

The speed display serves only as additional information. Only the car speedometer should be used in order to determine the actual speed.

The data for distance, travel time, and average speed are reset to 0 by selecting the Reset function.

Speed warning

If the speed warning is activated and the speed limit is exceeded, an audible warning (gong) will sound and a message will appear on the screen.

To set the speed limit:

1. Move the cursor to the speed indication field.
2. Press the **OK** button.
3. Use the cursor buttons ◄ or ▼ (-1) or ► or ▲ (+1) to set the warning limit.
4. Press the **OK** button again.

Note: The speed warning status (on / off) is indicated by the colour in front of the speed value (red: Off / green: On).

To switch the speed warning on / off select the Warning ON / OFF option. The speed warning is switched on / off each time the **OK** button is pressed.

Other functions cont.

Insert / change the map CD

Map information is provided on a CD in the navigation computer, located in the top left hand corner of the boot area.

To change the map CD, press the eject button on the navigation computer. If the ignition is off, you may need to press the eject button a second time. Take out the CD and carefully insert the new map CD with the label facing up.

Emergency menu

The car's current position, the national emergency call number (under 'For Emergency Call') and a freely programmable number for an assistance centre are displayed in the Emergency menu. The indicator accuracy for car position is approximately 30 metres.

Note: The country, city name and road name for the car's current position are only displayed if the car is located on a digitised road.

Otherwise, or if the wrong or no map CD is in the navigation system, only the position calculated by the GPS system appears as a longitude and latitude reading.

Entering an assistance centre service number

You can store a telephone number of your choice in the Emergency menu, e.g. an automobile club or an emergency assistance service.

1. Select the Settings function in the Emergency menu.
2. Enter the telephone number that you want to use for emergency assistance. Store the information by pressing the **OK** button.

Standby

You can switch the SATNAV system off by selecting Standby from the Start menu. Refer to Switching on and off on page 5.

Travel info

This function is available if the map CD contains Travel Info data.

Maintenance

Cleaning the remote control and screen

Do not use cleaning petrol, spirits or other solvents when cleaning the remote control or screen. A damp cloth is best for cleaning these items.

Changing batteries of the remote control

To change the batteries in the remote control:

- Open the battery compartment on the back of the remote control.
- Remove the discharged batteries.
- Insert two new Type AA batteries, ensuring polarity is correct (marked in compartment).
- Close the battery compartment.

CAUTION:

Only use leak-proof batteries. Battery leakage can cause damage to the remote control or to your car.

CAUTION:

Do not leave your remote control exposed to direct sunlight or extreme heat (such as on the dashboard). Batteries discharge at high temperatures and there is a risk of leakage. Keep the remote control in the holder when it is not in use.

Note: If you only use your remote control in its holder, it is recommended that you remove the batteries from the remote control.

Trouble shooting

If a problem occurs which impairs the functioning of the SATNAV system, consult the following table. Often an apparent failure can be easily corrected. If you still experience problems after applying the suggested remedy or the fault is not covered in the table, contact your Holden Retailer.

Symptom	Possible cause / remedy
System does not start, screen is dark.	Ignition switched off: • Switch on the ignition. Ignition is already switched on, system is in standby mode: • Press one of the cursor buttons, the **OK** button or the **MENU** button on the remote control.
The system switches itself off after a period of normal operation.	At extremely high or low temperatures the system is automatically switched off to protect against damage. Operation of the system is resumed as soon as the temperature returns to a normal level.
System does not react to buttons presses if remote control is not in its holder.	Batteries are flat. • Change batteries in the remote control or Slide the remote control back into its holder.
Guidance option cannot be selected in the Navigation menu.	• Make certain that you entered a destination address.
System reacts very slowly to presses of the buttons or requires a very long time for calculation.	You are in a very densely digitised area or the route you have selected is still being calculated. The system requires more time to calculate and read large data quantities.
System plans no route although a destination was entered.	Car is not on a digitised road. • Drive in the direction of a digitised road.

Trouble shooting cont.

Symptom	Possible Cause / Remedy
Guidance information not audible.	• Make sure that Voice On is activated in the Settings menu (Symbol is not in the display). • Make sure that Volume is not set to minimum in the Settings menu. If no external speaker is connected: • Make sure that the setting for the built-in monitor speaker is not on 'Off' and that the Loudspeaker option in the monitor set-up menu is also not set to 'off'
Some of the lines shown in the instruction manual are not visible in the status line.	• Activate / deactivate the desired items with options : Status line left and Status line right in the Settings / Screen Settings menu.
Colour of the satellite symbol on the GPS logo is constantly red.	No satellite reception (e.g. in garages, multistorey car parks or tunnels). • Make sure that the GPS antenna is not covered by any objects. The antenna is located in the top rear of the boot area.
Display shows 'No CD in navigation computer!' or 'Incorrect CD in navigation computer!'	Make sure that the appropriate CD is inserted in the CD player with the label side facing up.
CD is ejected by the navigation system without the ▲ button being pressed.	The CD might be dirty. • Try to clean the CD with a special CD cleaning fluid.
Current time in the status line is wrong.	Adjust the time in the Settings menu, Date / clock option.

Trouble shooting cont.

Symptom	Possible Cause / Remedy
Address cannot be stored in the address book.	Address book is full. • Delete one or more entries that are no longer required.
Guidance is not precise.	An inaccuracy of max. 30 m is within the tolerance limits. • Please contact your Holden Retailer if greater inaccuracies frequently occur.
Displayed car position does not correspond to actual car position.	Bad GPS reception for an extended period. The position is automatically corrected when there is sufficient GPS reception. • If necessary, wait a few minutes.
Guidance information does not correspond with actual traffic situation.	It is possible that the car position calculated by the navigation system is wrong at the moment. The routing may have been changed and does not correspond with the information stored on the map CD.
Navigation computer remains on after ignition is switched to OFF position.	The navigation computer stores data to memory after the ignition is switched to OFF position. After approximately 30 seconds, the computer will fully shut down.

© 2002 Holden Ltd. Reproduction of this booklet in whole or part is prohibited without written approval from Holden Ltd.

A.C.N. 006 893 232

Part No. 92112825